



















**Upper Sand Creek Basin
Contra Costa County Flood Control and Water Conservation District
Project Schedule**

A detailed schedule for USCB is provided in the following pages. This schedule indicates start dates, end dates, and milestones for each of the tasks and linkages/dependencies between tasks. As previously noted, construction for the Project is scheduled to begin by December 1, 2011. Pending receipt of grant funding, USCB is scheduled to be fully implemented and thereby delivering the suite of flood protection, water quality, and ecosystem restoration benefits between 2012 and 2015. In accordance with the PSP, the budget items align with the work tasks described in Attachment 3 – Work Plan, and Attachment 5 – Schedule, and include the following items:







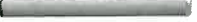










- Development of financing
- Development of environmental documentation and compliance
- Project design and bid solicitation process
- Acquisition of rights-of-way
- Identification and acquisition of all necessary permits
- Construction start and end dates
- Implementation of environmental mitigation or enhancement efforts, if required

The schedule presented in this Attachment assumes that USCB is funded, with a grant effective award date of June 1, 2011.

ID	Task Name	Duration	Start	Finish	2011				2012				2013				2014				2015				2016
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
1	Upper Sand Creek Basin Project	1142 days	Wed 6/1/11	Thu 10/15/11																					
2	Proposition 84 Grant Award by DWR	0 days	Wed 6/1/11	Wed 6/1/11																					
3	Task 1: Project Administration	1142 days	Wed 6/1/11	Thu 10/15/11																					
4	Administration	1142 days	Wed 6/1/11	Thu 10/15/15																					
5	Labor Compliance Program	1142 days	Wed 6/1/11	Thu 10/15/15																					
6	Reporting	1045 days	Mon 6/6/11	Sat 6/6/15																					
12	Quarterly Progress Reports	1109 days	Wed 6/1/11	Tue 9/1/15																					
31	Final Report	663 days	Mon 4/1/13	Wed 10/14/15																					
32	Development of Financing (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
33	Task 2: Land Purchase/ Easement	385 days	Wed 6/1/11	Tue 11/20/11																					
34	Utility Relocation	385 days	Wed 6/1/11	Tue 11/20/12																					
35	Acquisition of Easements from Adjacent Properties	153 days	Wed 6/1/11	Fri 12/30/11																					
36	Acquisition of Property from Adjacent Properties	153 days	Wed 6/1/11	Fri 12/30/11																					
37	Condemnation of Adjacent Properties (completed prior to June 1, 2011)	0 days	Wed 6/1/11	Wed 6/1/11																					
38	Acquistion of Easement and Relocation PG&E Electrical Line	385 days	Wed 6/1/11	Tue 11/20/12																					
39	Task 3: Planning, Design Environmental Documentation and	478 days	Wed 6/1/11	Fri 3/29/13																					
40	Task 3.1 Planning	1 day	Wed 6/1/11	Wed 6/1/11																					
41	Verification of conceptual design and operation (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
42	Task 3.2 Design	372 days	Wed 6/1/11	Thu 11/1/12																					
43	Predesign Report (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
44	90% Design (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
45	Final Design (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
46	Division of Safety of Dams approval of plans (completed prior to June 1,	1 day	Wed 6/1/11	Wed 6/1/11																					
47	Utility Relocation	372 days	Wed 6/1/11	Thu 11/1/12																					
48	Task 3.3 Environmental Documentati	478 days	Wed 6/1/11	Fri 3/29/13																					
49	CEQA (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
50	Habitat Conservation Process	478 days	Wed 6/1/11	Fri 3/29/13																					
51	Task 3.4 Permitting	414 days	Wed 6/1/11	Mon 12/31/11																					

Project Schedule Upper Sand Creek Basin	Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only			

ID	Task Name	Duration	Start	Finish	2011				2012				2013				2014				2015				2016
					Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
52	ACOE Sectin 404 Permit (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
53	RWQCB Section 401 Water Quality Certification (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
54	SWRCB NPDES Permit for Storm Water Discharges Associated with	218 days	Thu 3/1/12	Mon 12/31/12																					
55	DFG Lake and Streambed Alterration Agreement (completed prior to June 1, 2011)	1 day	Wed 6/1/11	Wed 6/1/11																					
56	Task 4 Construction /Implementation	240 days	Thu 12/1/11	Thu 11/1/12																					
57	Begin Construction/Implementation	0 days	Thu 12/1/11	Thu 12/1/11																					
58	Task 4.1 Construction Contracting	239 days	Thu 12/1/11	Tue 10/30/12																					
59	Advertise for Bids	32 days	Thu 12/1/11	Fri 1/13/12																					
60	Award Contract	55 days	Mon 1/16/12	Fri 3/30/12																					
61	Notice to Proceed	22 days	Mon 4/2/12	Tue 5/1/12																					
62	Project Restoration Contracting	130 days	Wed 5/2/12	Tue 10/30/12																					
63	Task 4.2 Mobilization and Site Preparation	23 days	Wed 5/2/12	Fri 6/1/12																					
64	Task 4.3 Construction	123 days	Mon 5/14/12	Wed 10/31/12																					
65	Excavation	90 days	Tue 5/15/12	Mon 9/17/12																					
66	Inlet Construction	31 days	Fri 6/1/12	Fri 7/13/12																					
67	Primary Spillway Construction	31 days	Fri 6/1/12	Fri 7/13/12																					
68	Dam Construction	65 days	Fri 6/1/12	Thu 8/30/12																					
69	Emergency Spillway Construction	43 days	Mon 9/3/12	Wed 10/31/12																					
70	Winterization	13 days	Mon 10/15/12	Wed 10/31/12																					
71	Performance Testing and Demobilization	123 days	Mon 5/14/12	Wed 10/31/12																					
72	End Construction/Implementation	0 days	Thu 11/1/12	Thu 11/1/12																					
73	Task 5 Environmental Compliance/Enhar	761 days	Thu 11/1/12	Thu 10/1/15																					
74	Moblization and Site Preparation for Restora	5 days	Thu 11/1/12	Wed 11/7/12																					
75	Restoration Grading and Planting	92 days	Thu 11/8/12	Fri 3/15/13																					
76	Demobilization	11 days	Mon 3/18/13	Mon 4/1/13																					
77	Site Monitoring	653 days	Tue 4/2/13	Thu 10/1/15																					
78	Task 6 Construction Administration	132 days	Wed 5/2/12	Thu 11/1/12																					
79	Resident Engineering	132 days	Wed 5/2/12	Thu 11/1/12																					
80	Consultant Review of Construction Activities	132 days	Wed 5/2/12	Thu 11/1/12																					
81	Construction Materials Testing	132 days	Wed 5/2/12	Thu 11/1/12																					

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	Split		External Tasks		Inactive Summary		Manual Summary		Progress	
	Milestone		External Milestone		Manual Task		Start-only			
	Summary		Inactive Task		Duration-only		Finish-only	